

Fig. 1

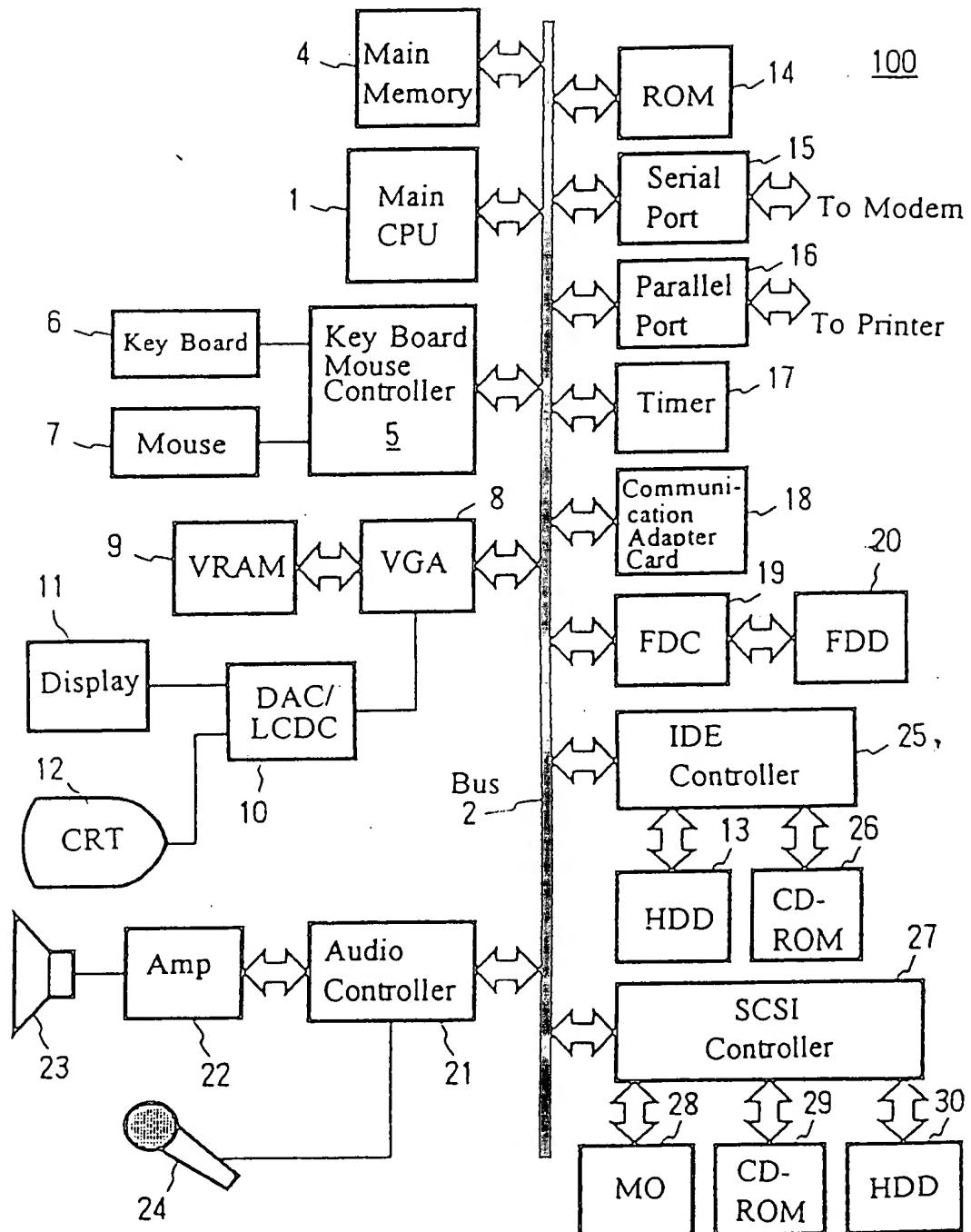


Fig. 2

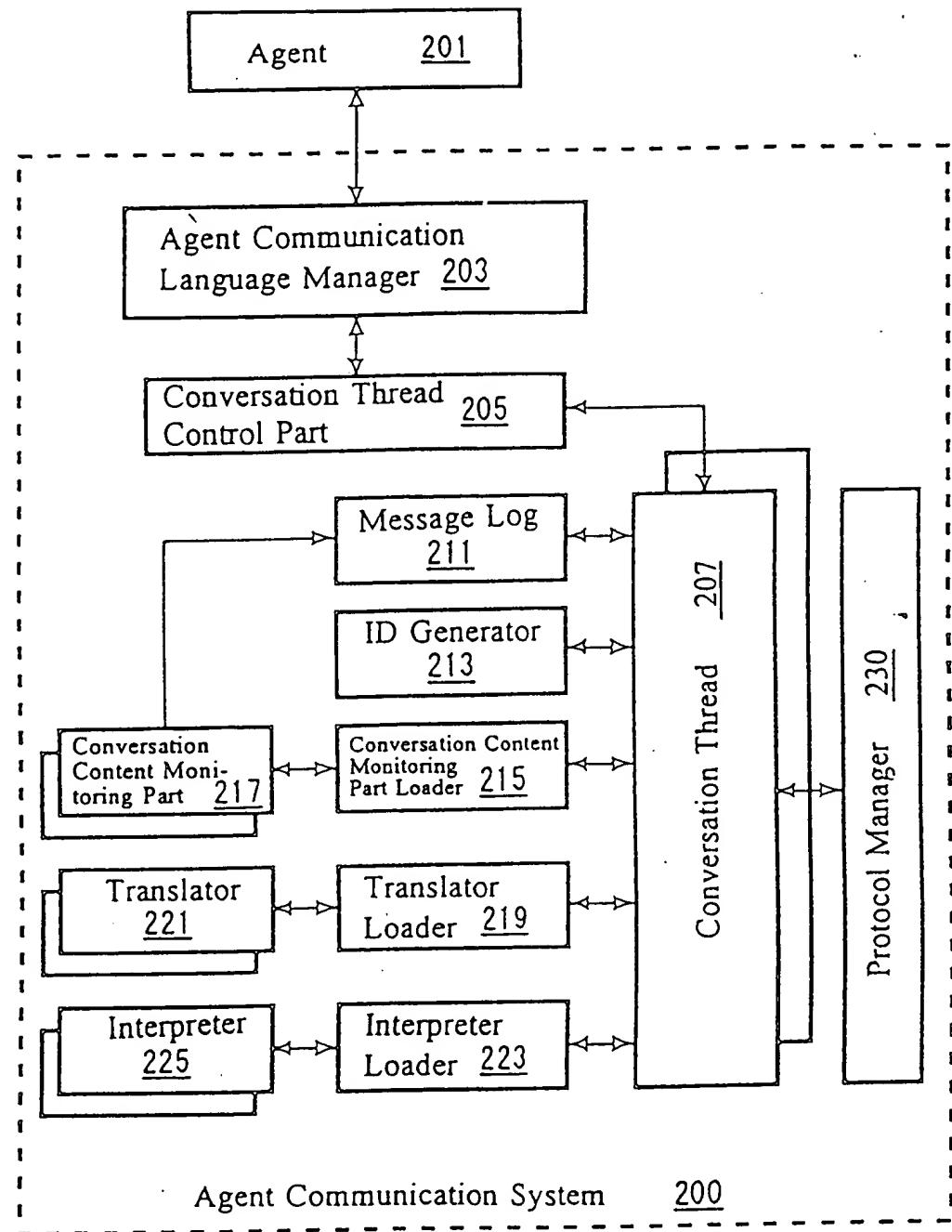
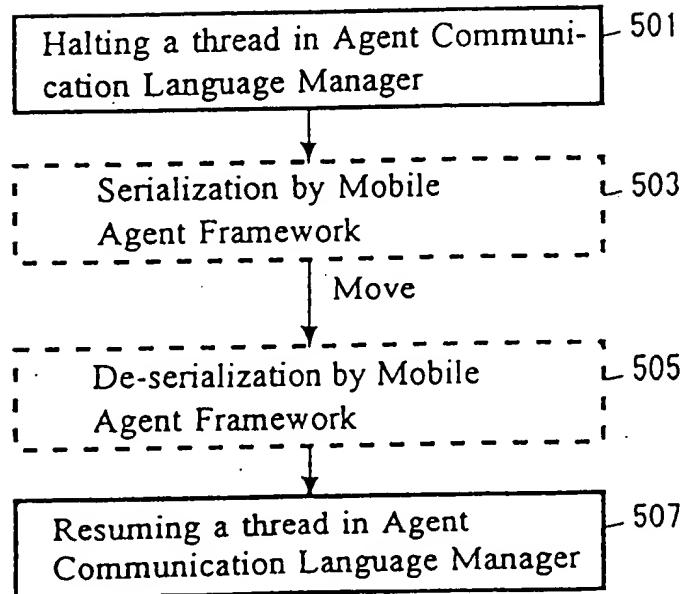


Fig. 3

FIG. 4

Message Packet	
Message Type	301
Sender	303
Receiver	305
Response ID	307
Conversation ID	309
Describing Language Type	311
Ontology	313
Content	315

FIG. 14



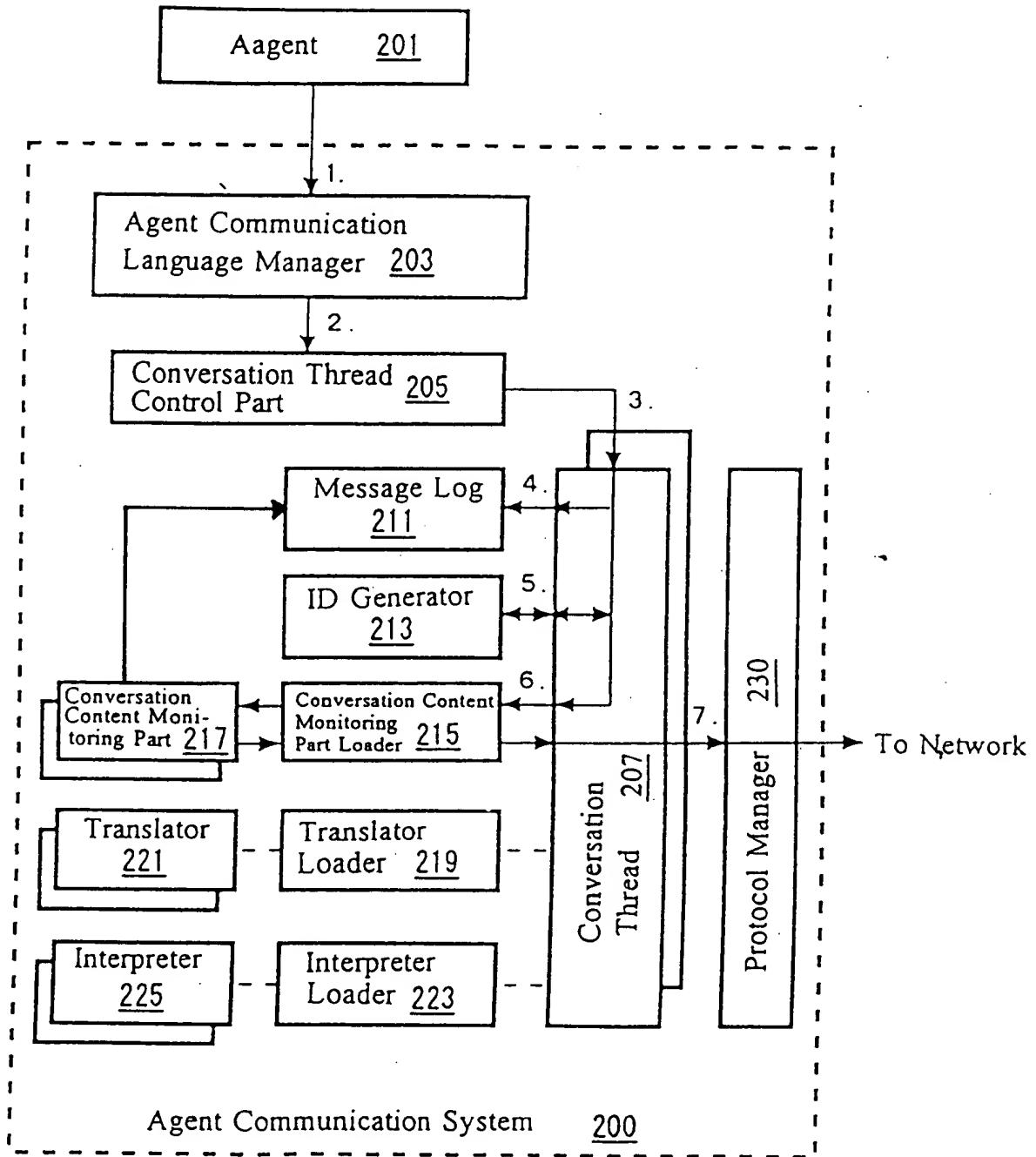
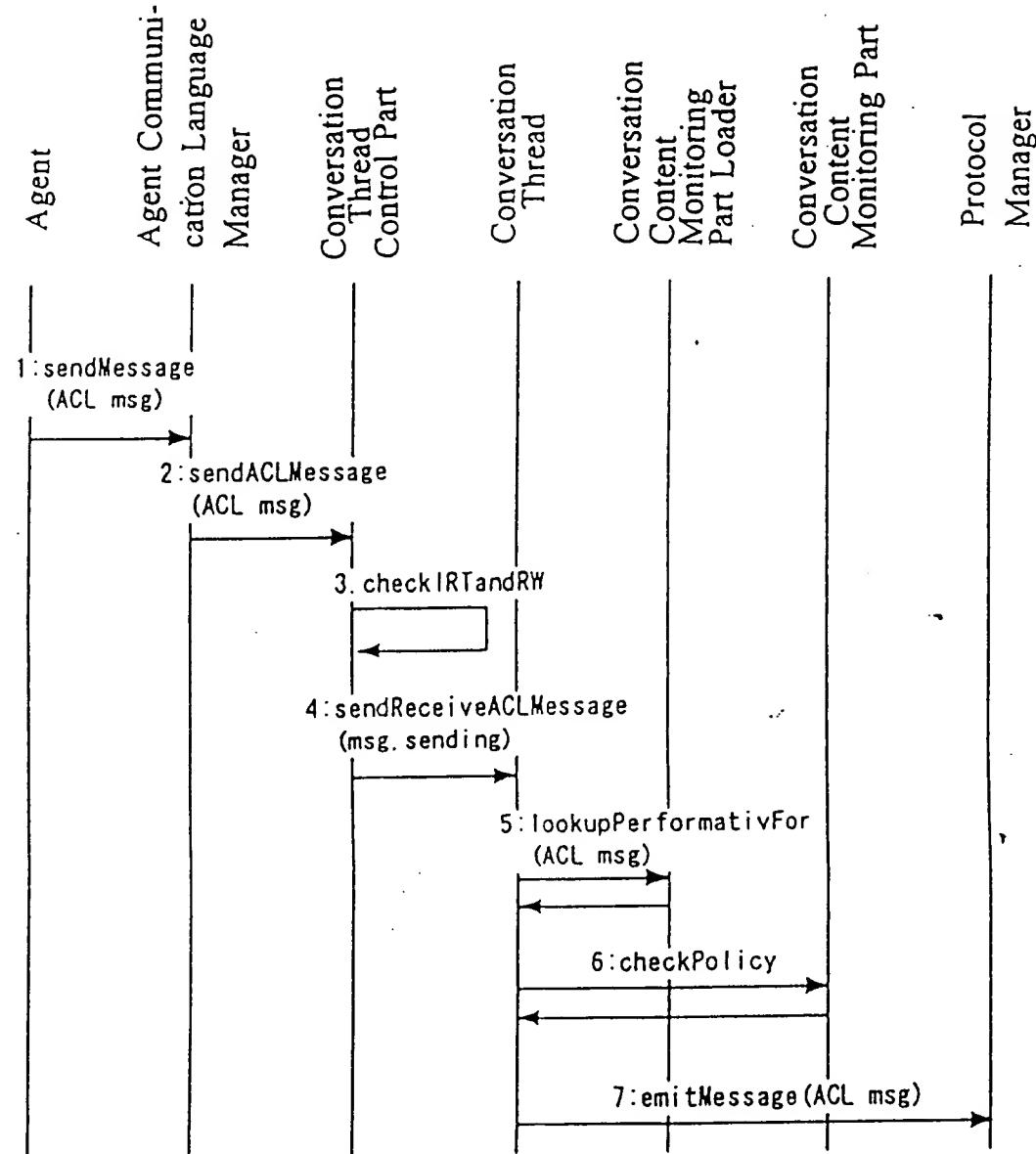


Fig. 5

Fig. 6



r: Receiver  
 s: Sender  
 F: Facilitator  
 A: Agent  
 o: Ontology

l: Describing Language Type  
 c: Contents  
 rw: Conversation ID  
 int: Response ID

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Message Type	Conversation Content Monitoring Part
ask-if	ask-if Monitoring Part
sorry	sorry Monitoring Part
:	:
recruit-all	recruit-all Monitoring Part

Fig. 7

350

Interpreter	Agent Communication Language	Describing Language	Ontology
interpreter A	KQML	Prolog	Stock
interpreter B	FIPA	SL	Stock
:	:	:	:
interpreter X	KQML	KIF	Yellow Page

Fig. 10

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Agent Communication Language	Translator
KQML	KQML→FIPA
:	:
FIPA	FIPA-KIF

Fig. 11

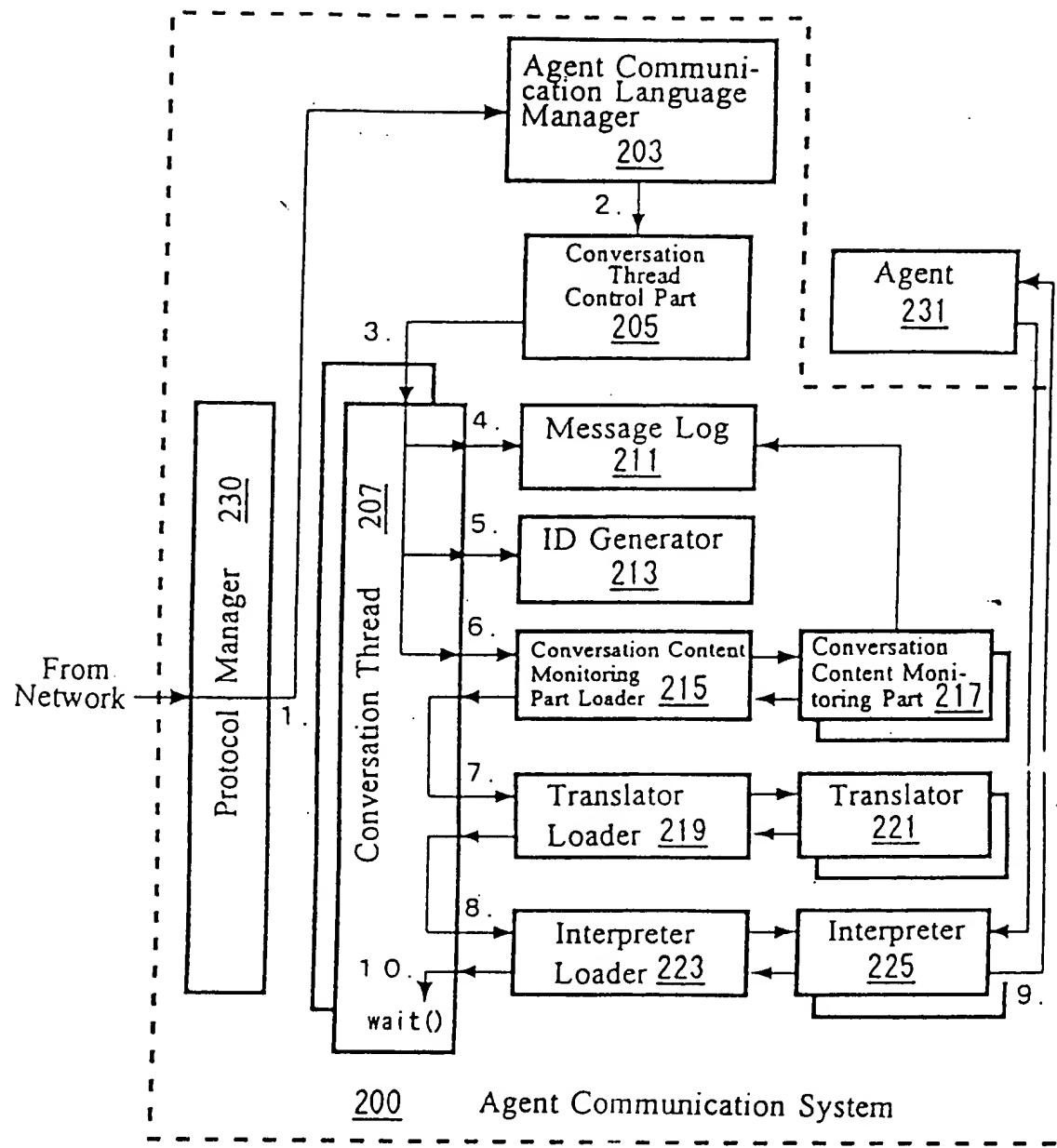
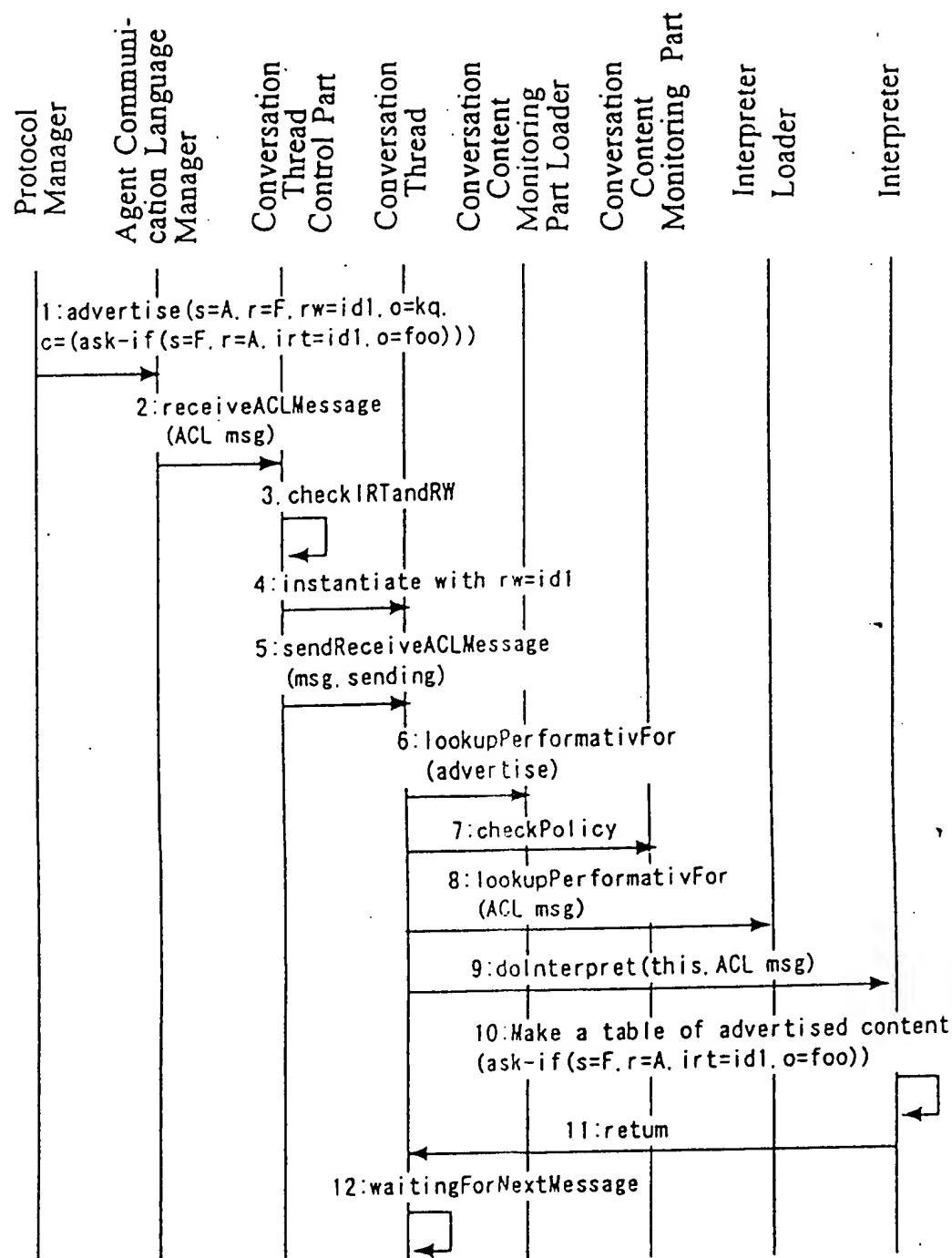


Fig. 8

Fig. 9



r: Receiver

s: Sender

F: Facilitator

A: Agent

o: Ontology

1: Describing Language Type

c: Contents

rw: Conversation ID

irt: Response ID

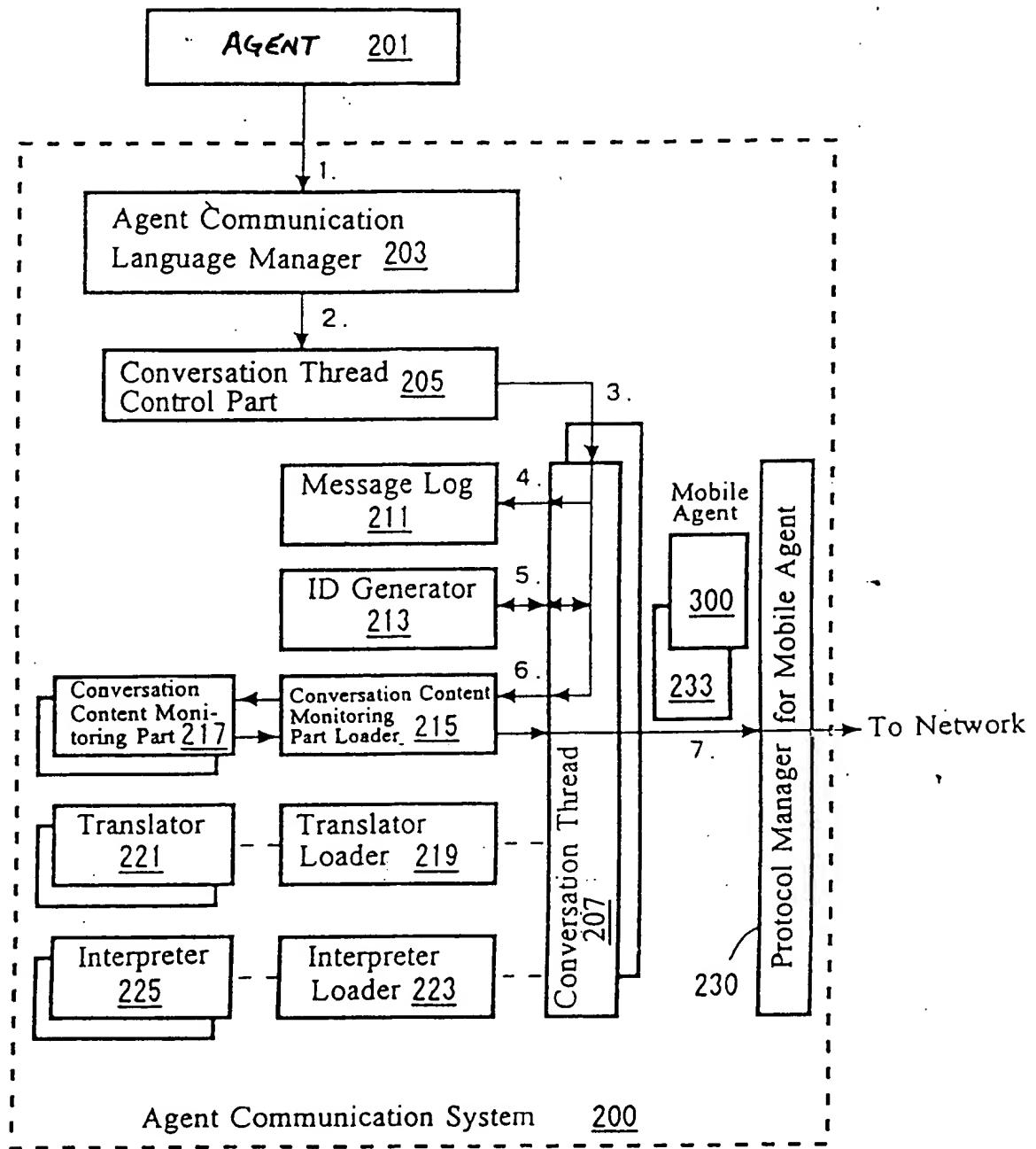


Fig. 12

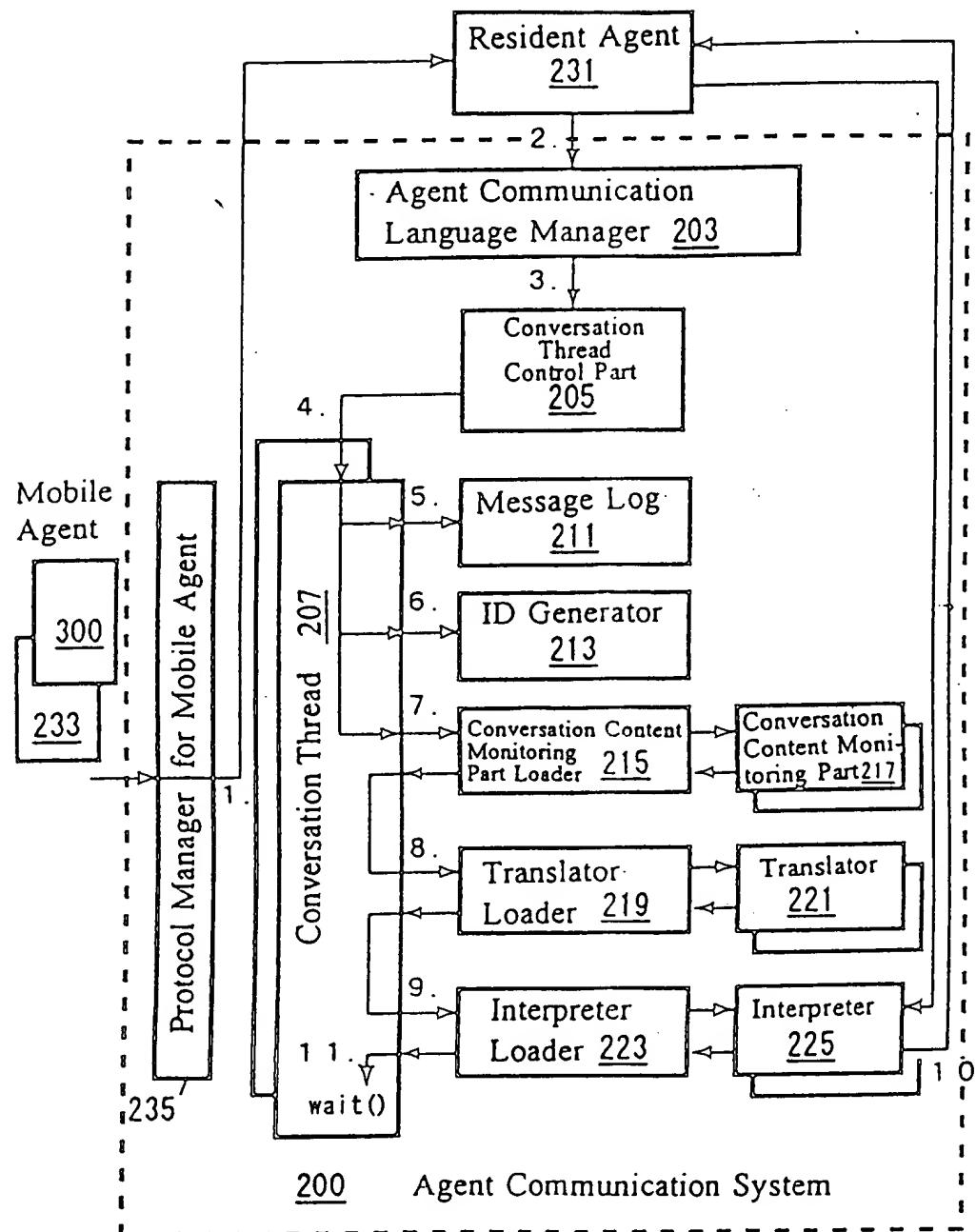


Fig. 13

